



Next Level Data KIT

Data! – Why?

Dr. Stefan Voget | December 05, 2023

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Content



Data is more than its size



Data driven business is more than data



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Data for AI

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Data is more than its size



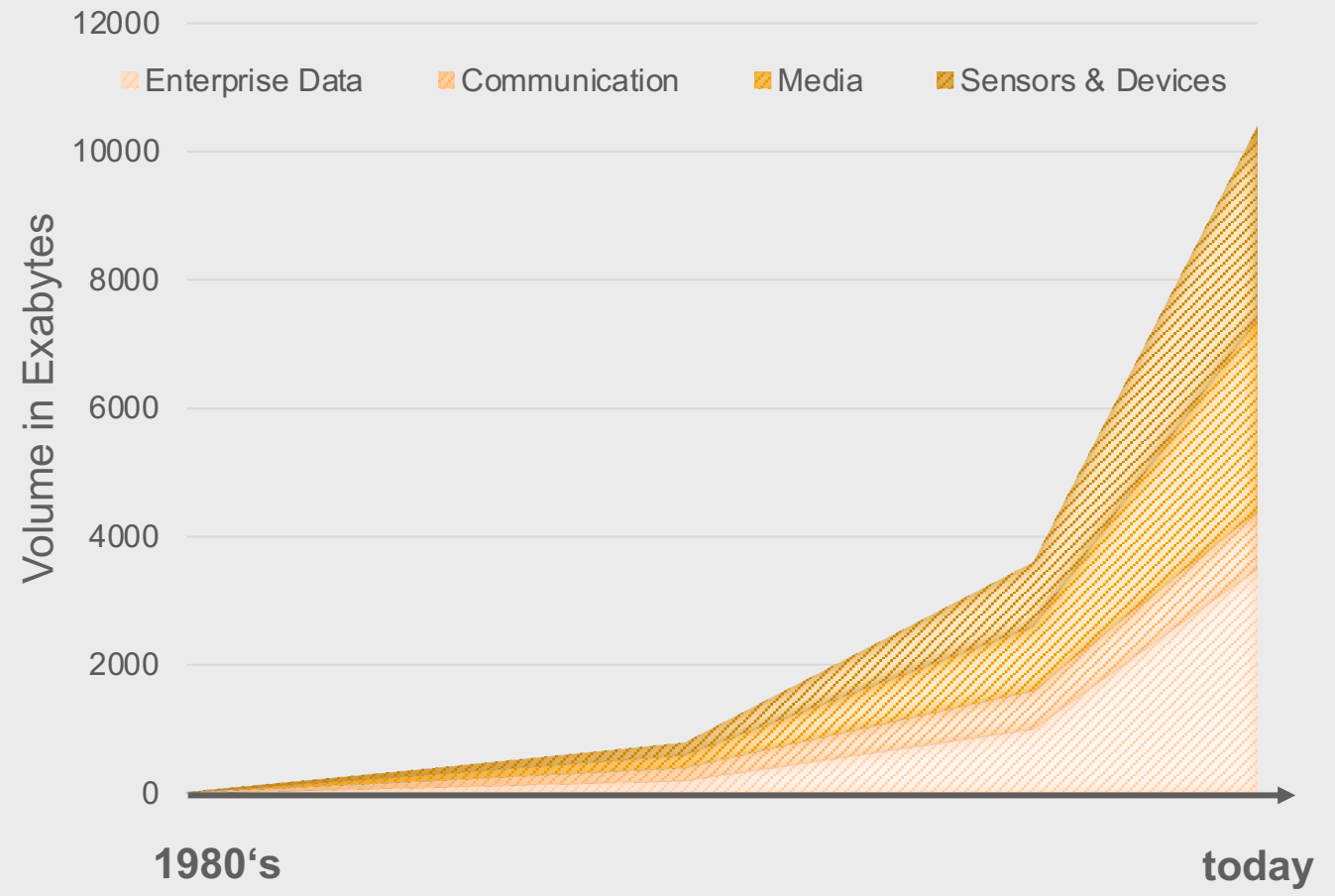
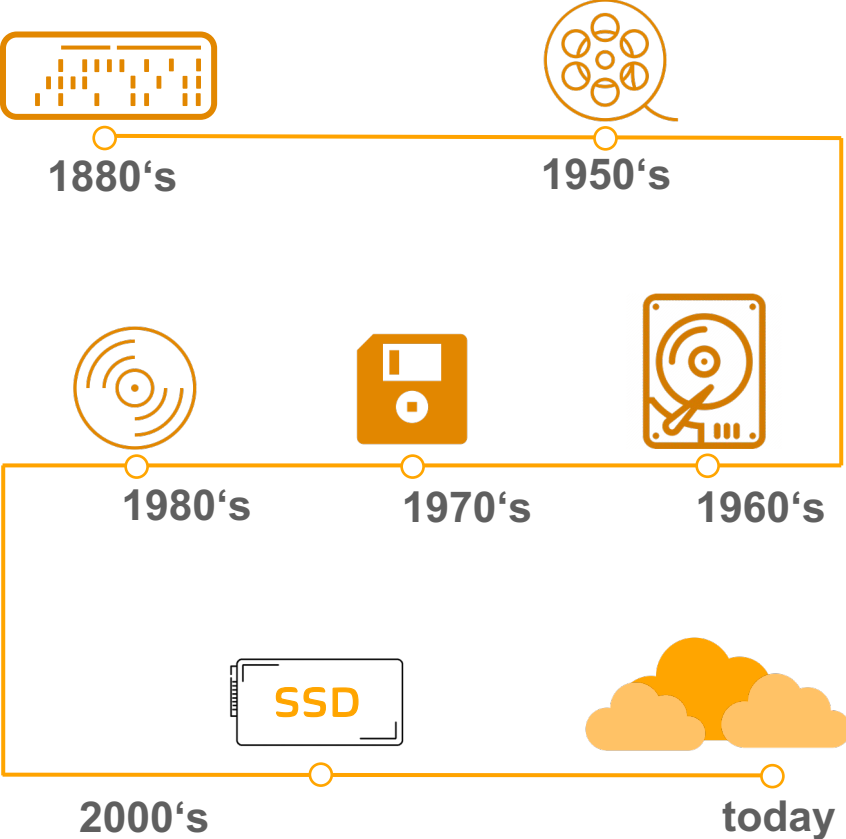
Data driven business is more than data



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Data is more than its size

From punch card to big data



Data is more than its size

From boolean to complex data structures



Simple boolean data for on/off signals



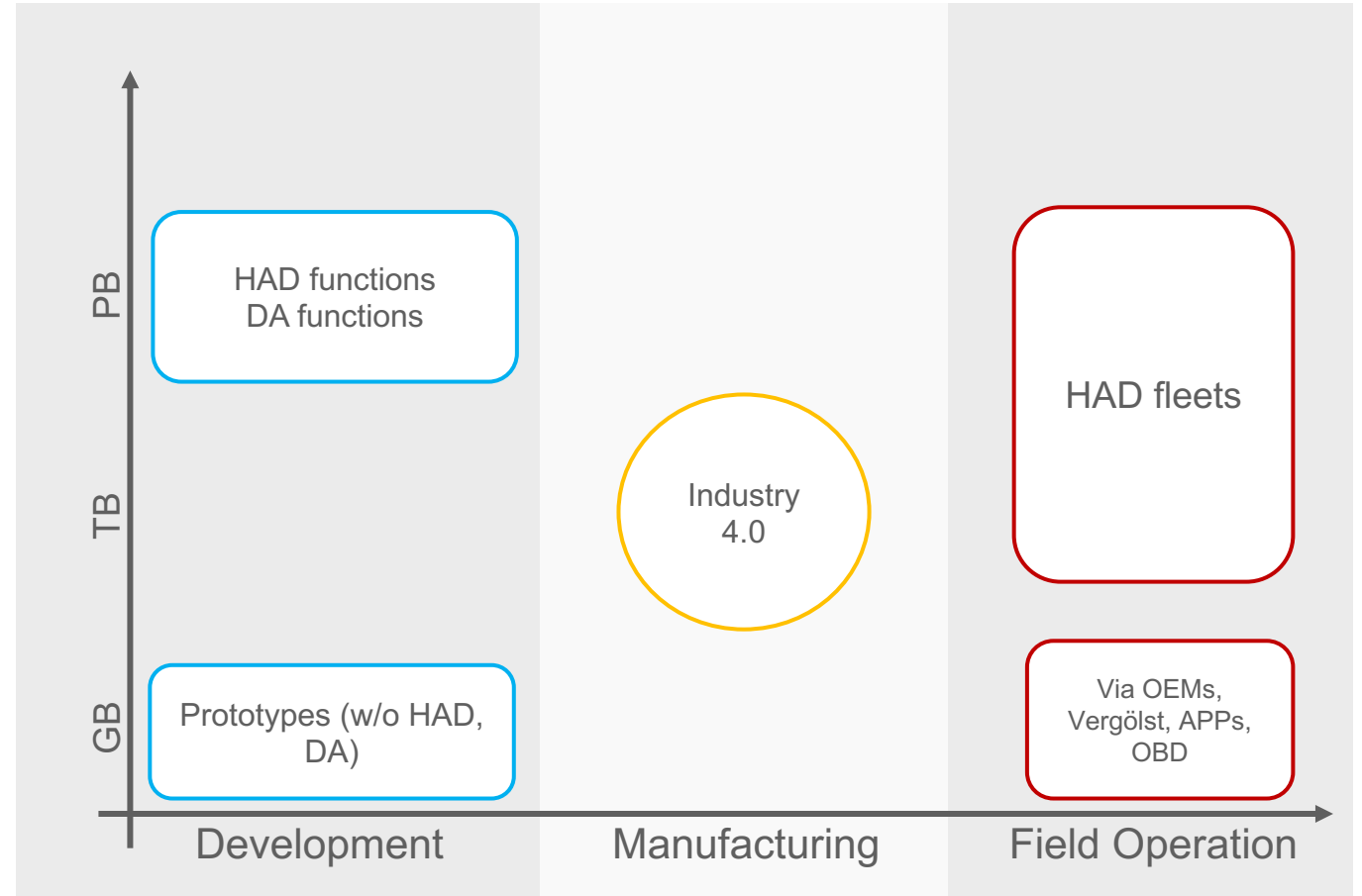
Relational data structures



Object oriented data structures



Graph-based data structures



Data is more than its size

Everybody wants a piece of it!



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Data is the Flour...

...but that doesn't make a cake



Data is the Flour...

...but that doesn't make a cake



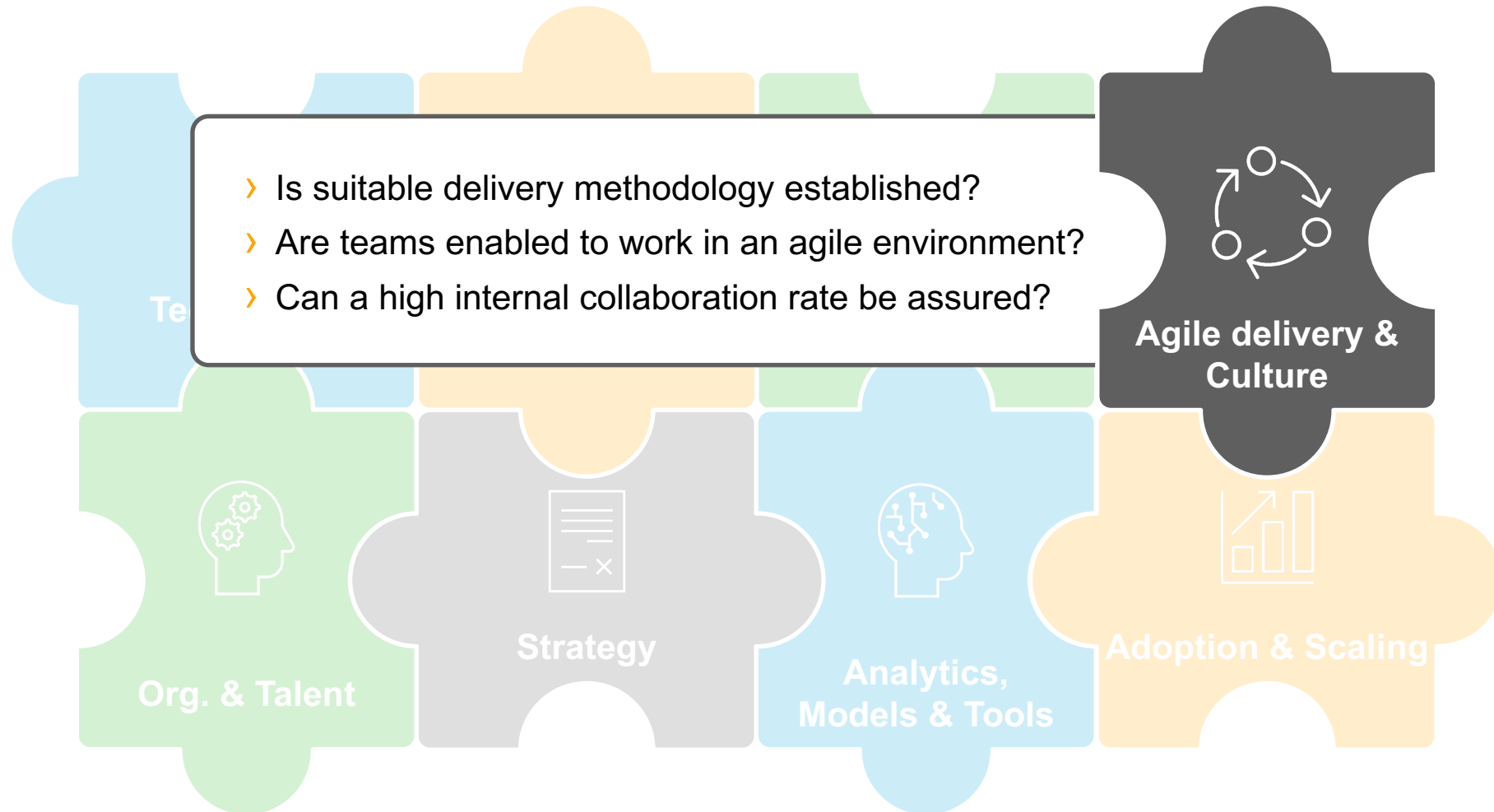
Data is the Flour...

...but that doesn't make a cake



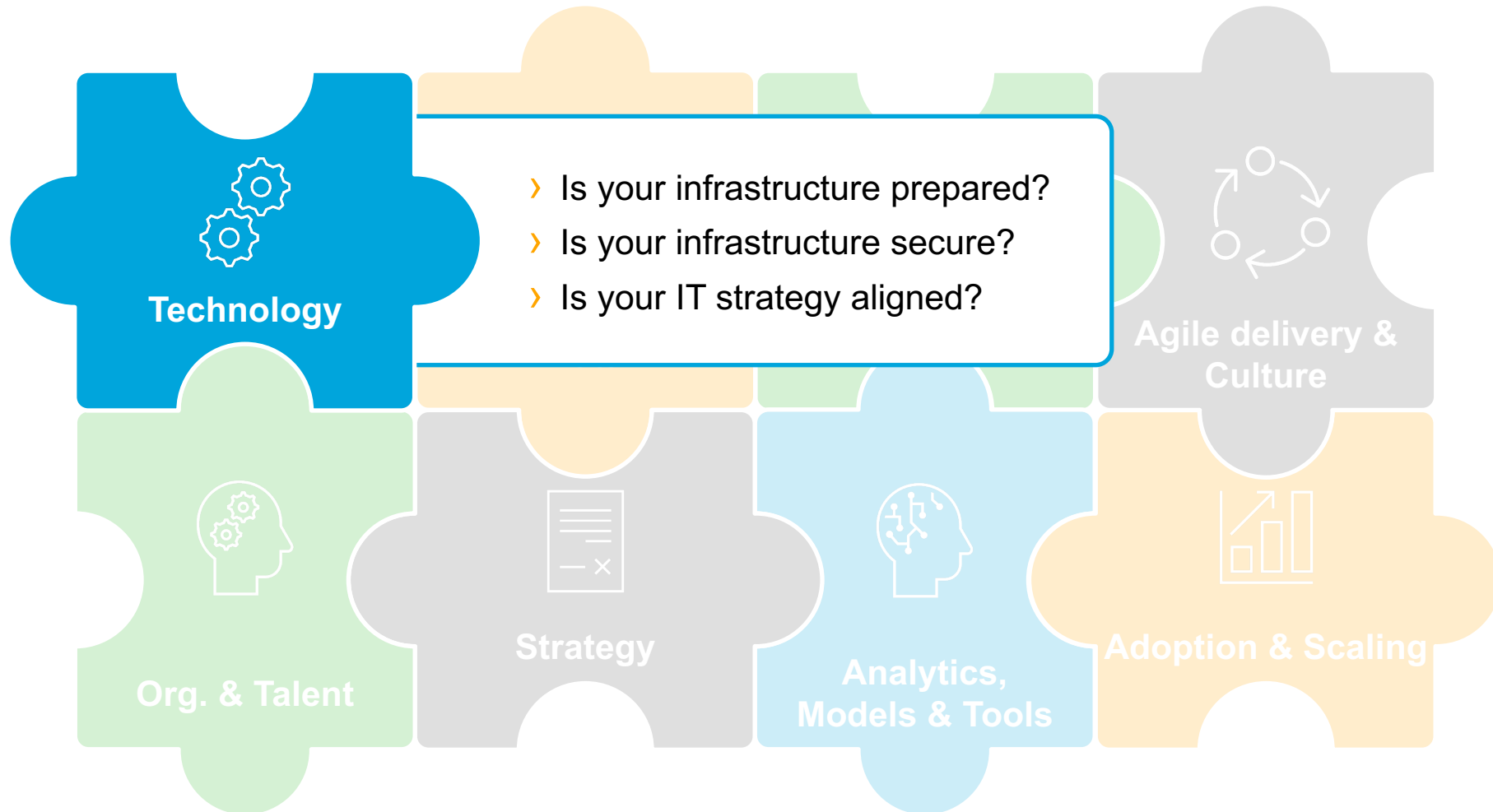
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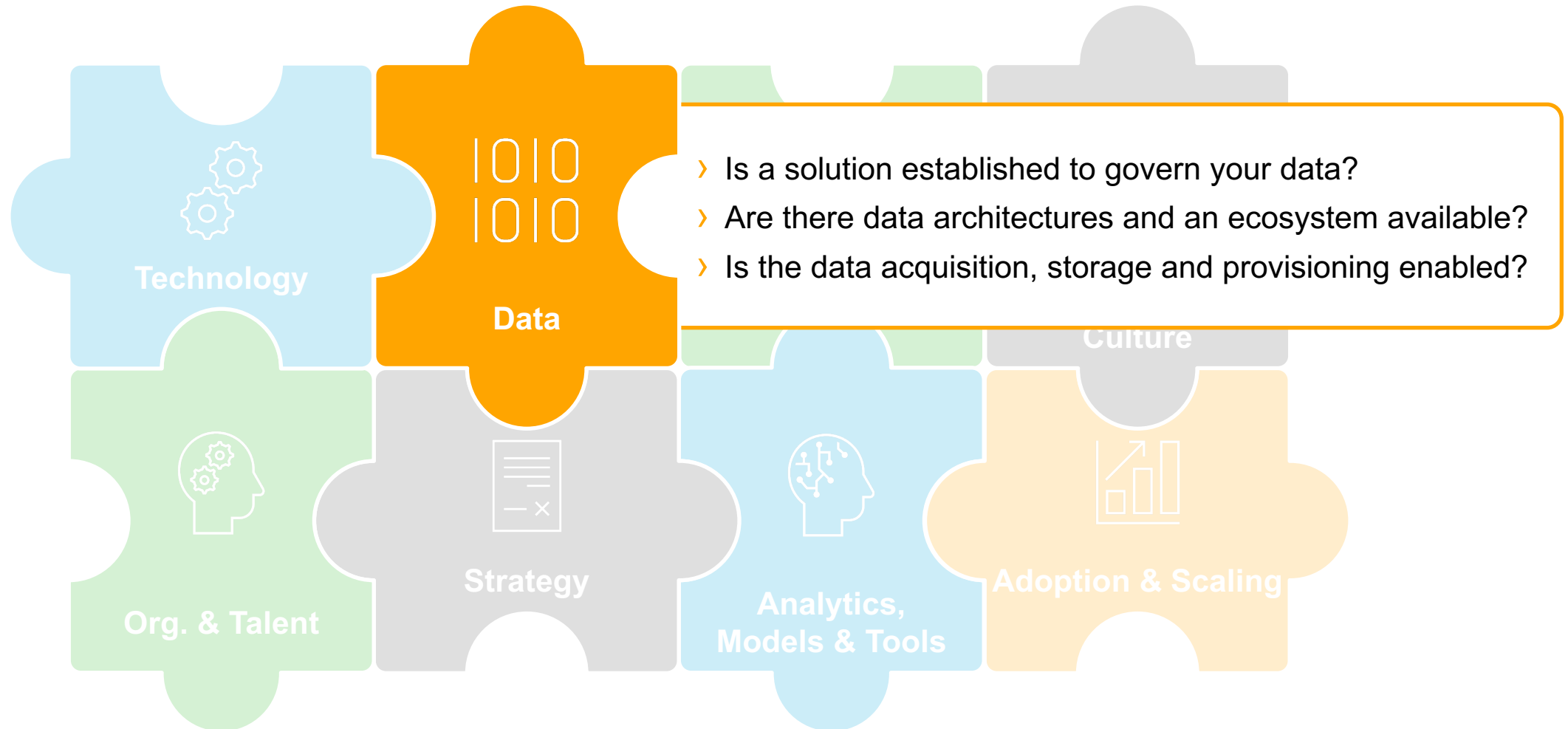
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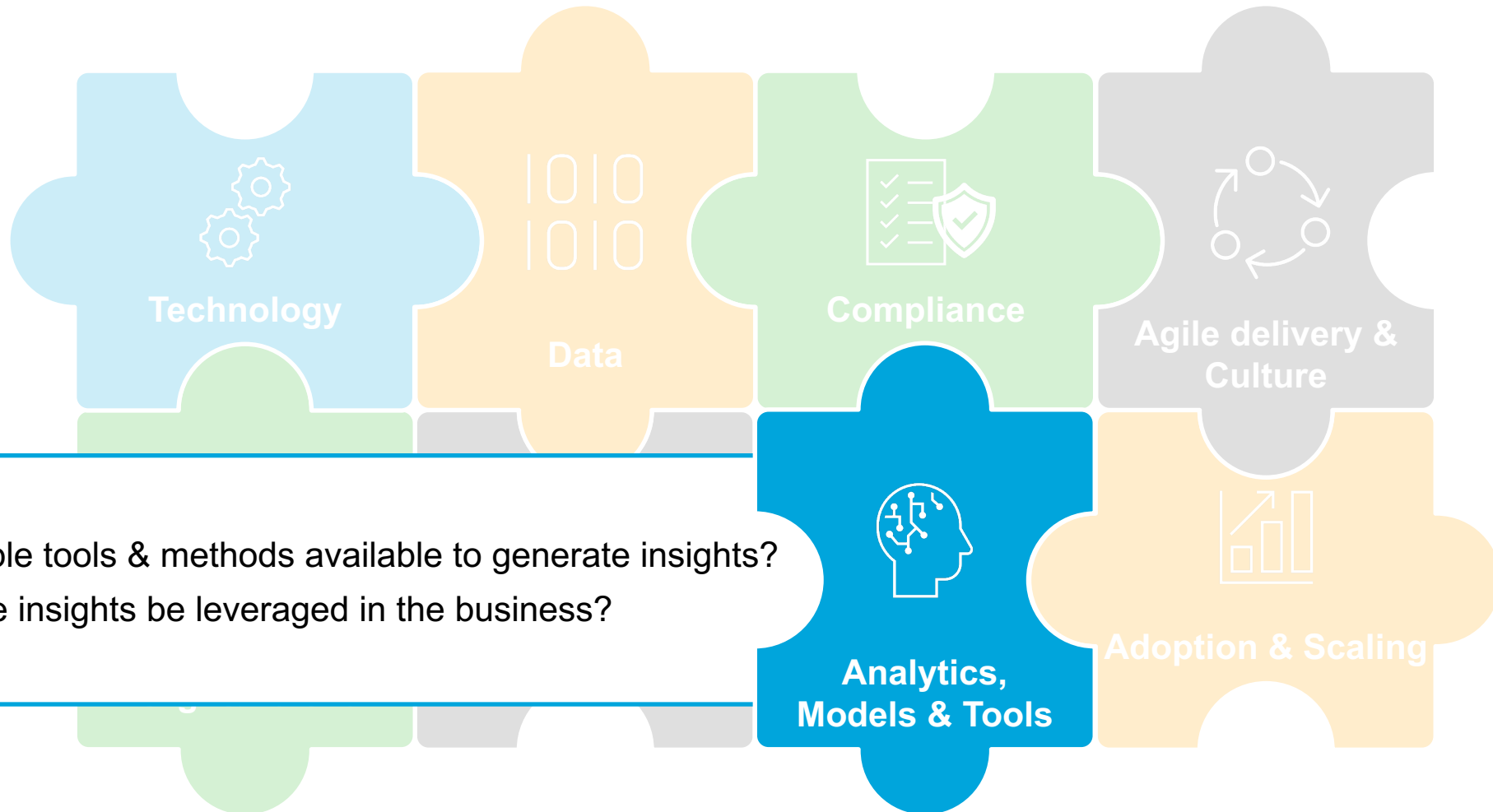
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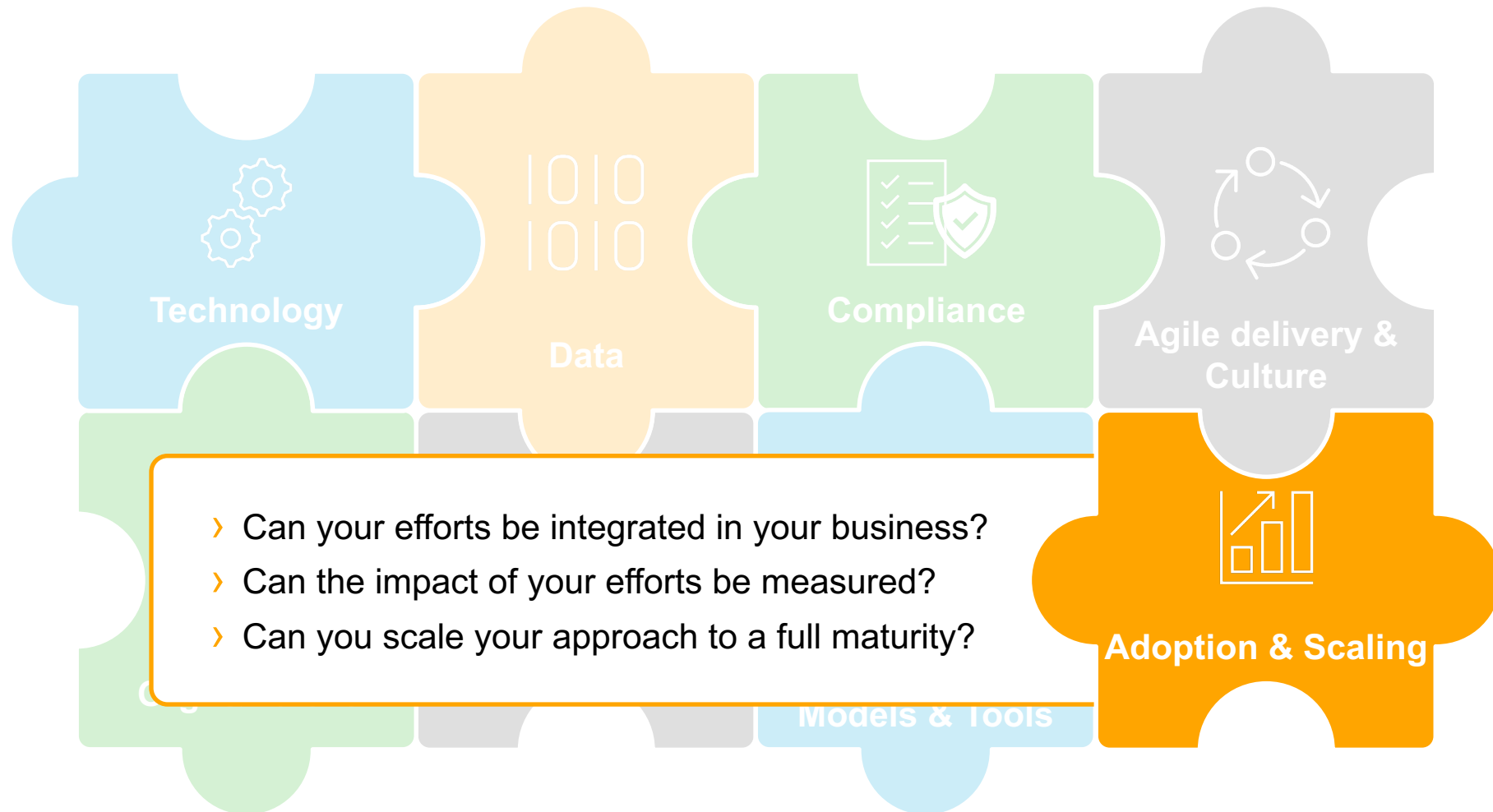
...but that doesn't make a cake



- › Are suitable tools & methods available to generate insights?
- › Can these insights be leveraged in the business?

Data is the Flour...

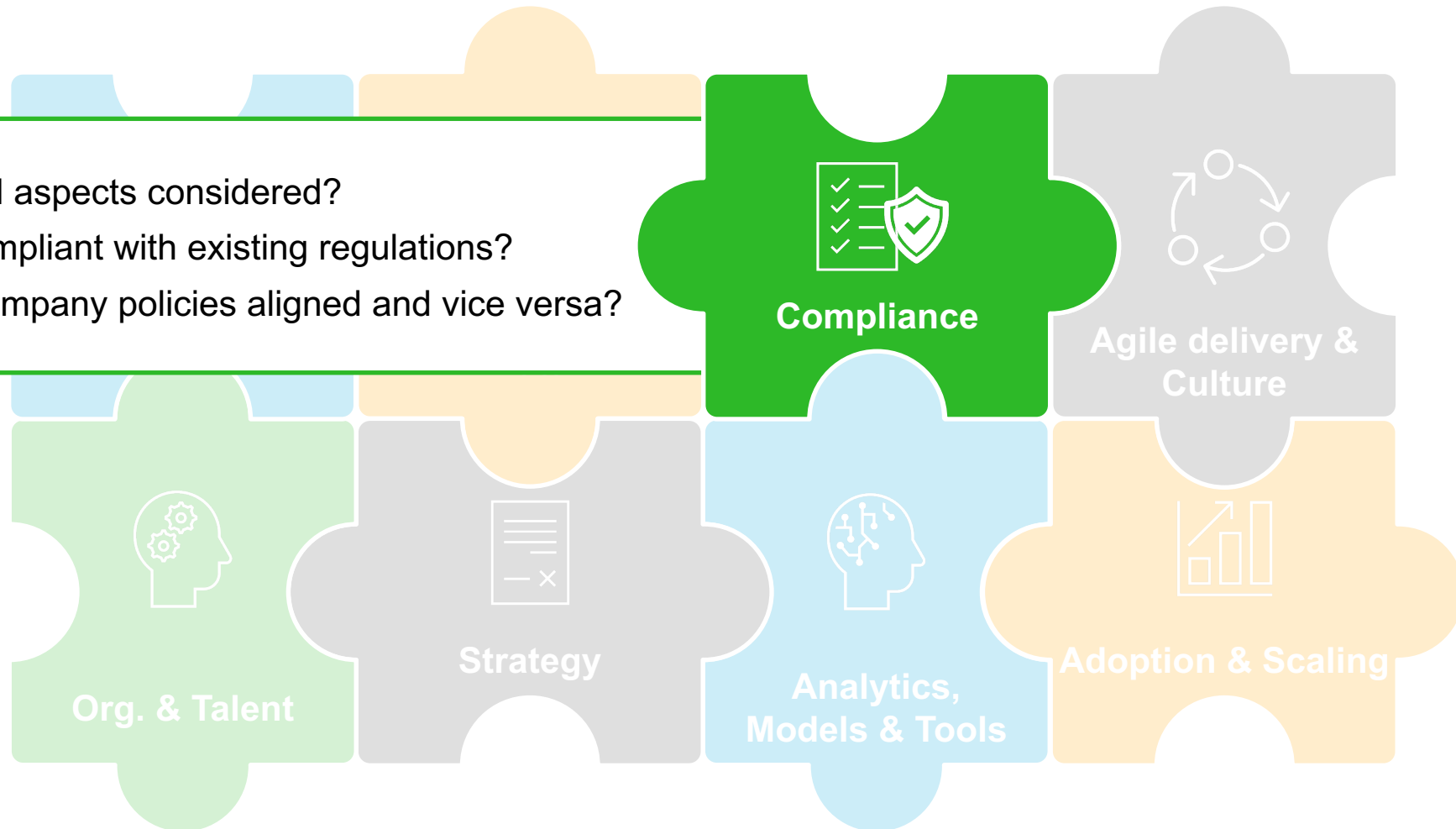
...but that doesn't make a cake



Data is the Flour...

...but that doesn't make a cake

- › Are all legal aspects considered?
- › Are you compliant with existing regulations?
- › Are your company policies aligned and vice versa?



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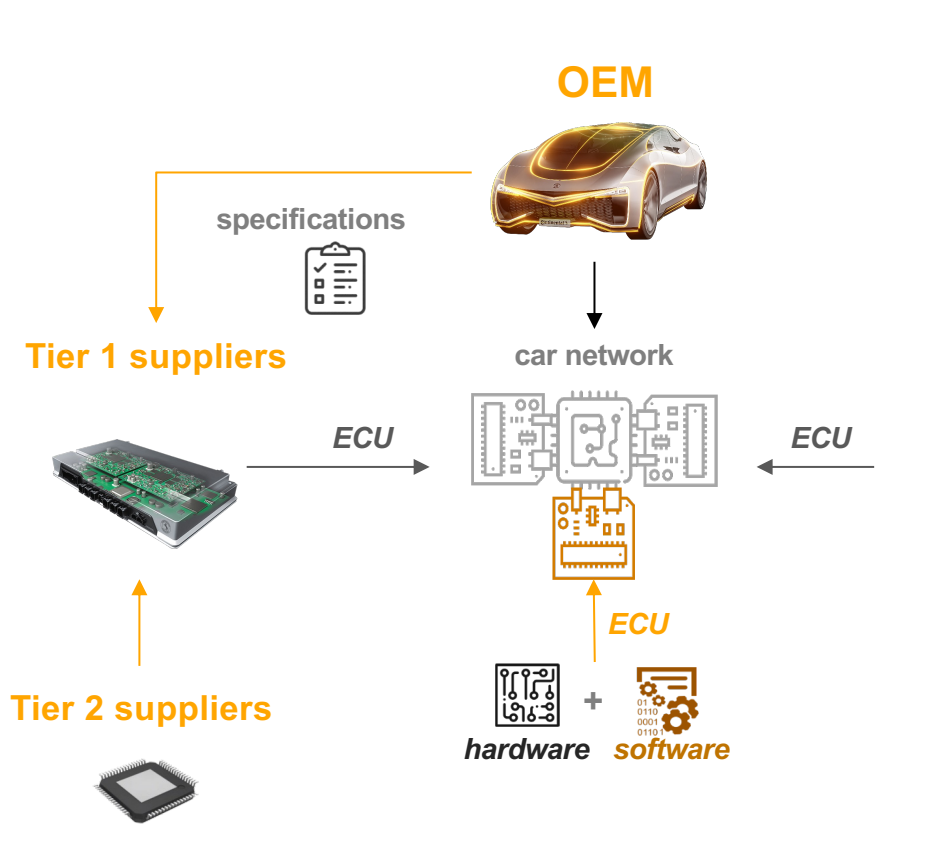
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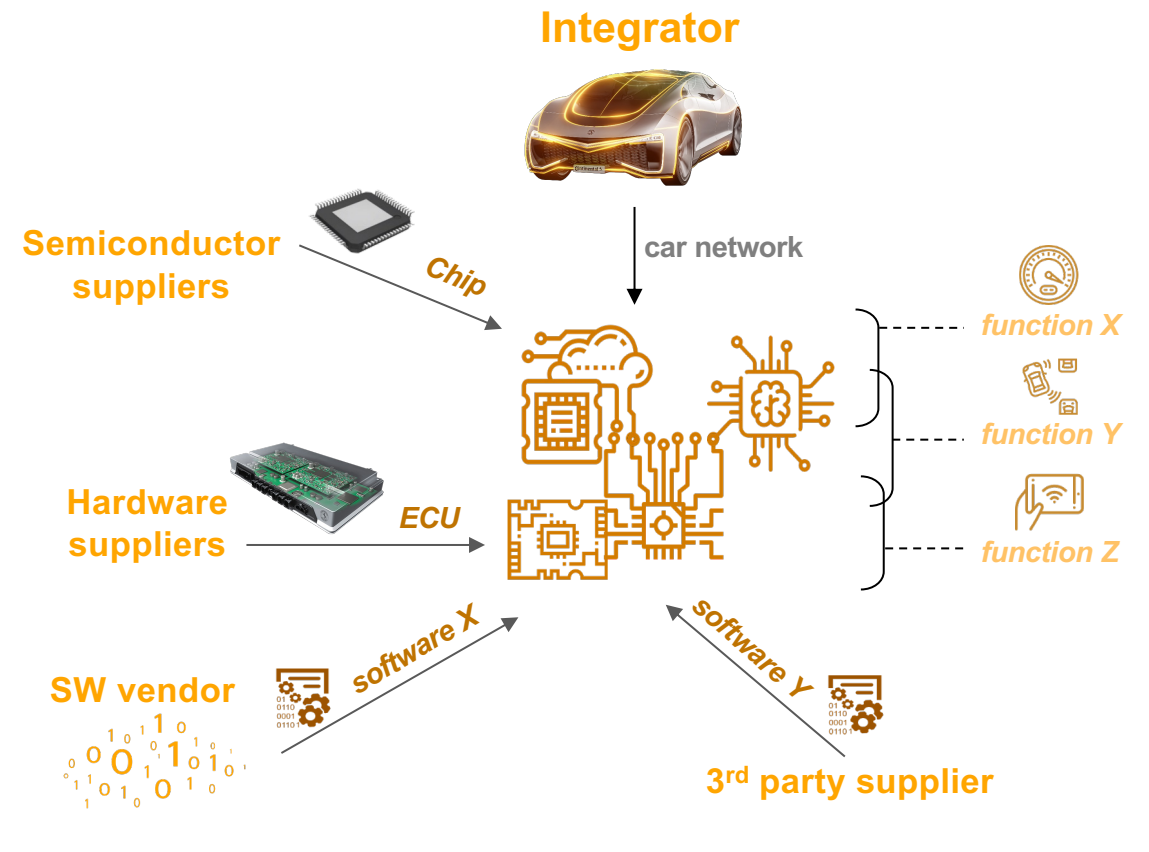
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Traditional Collaboration Workflows become outdated



“Traditional Development”

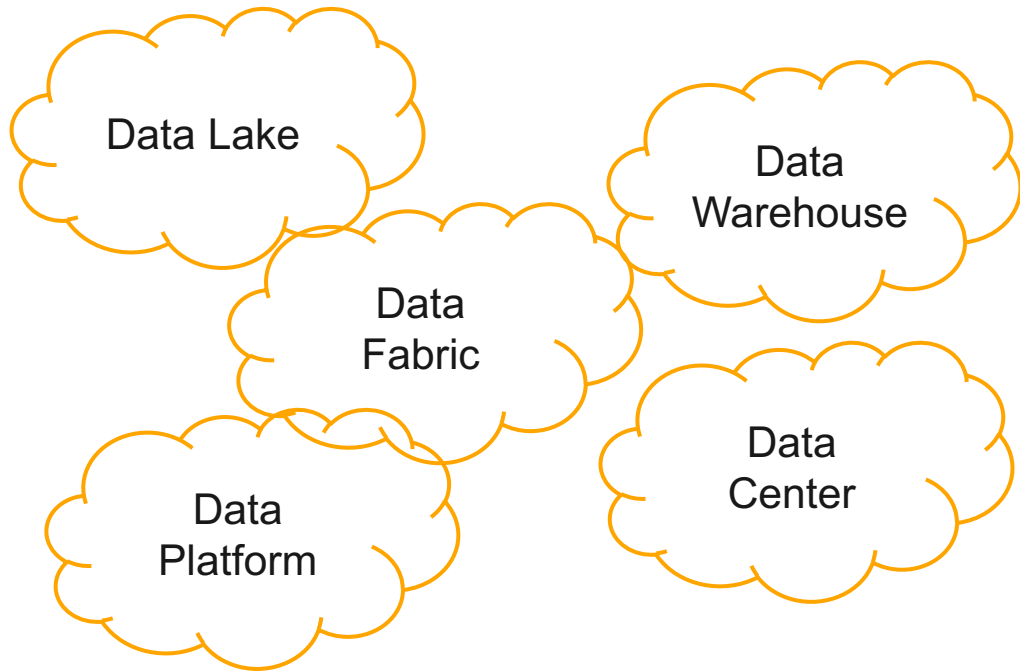


“Collaborative, decentralized Development”

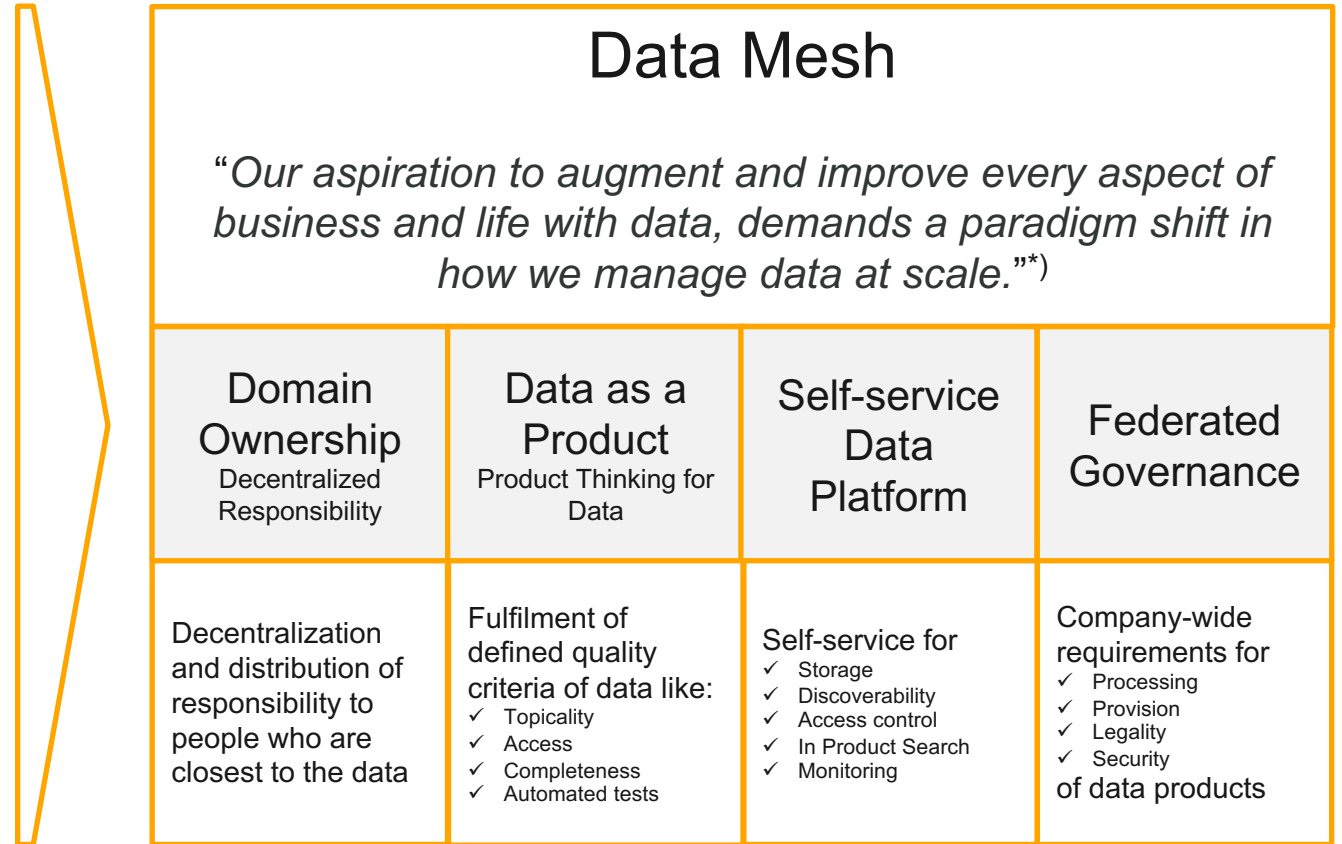


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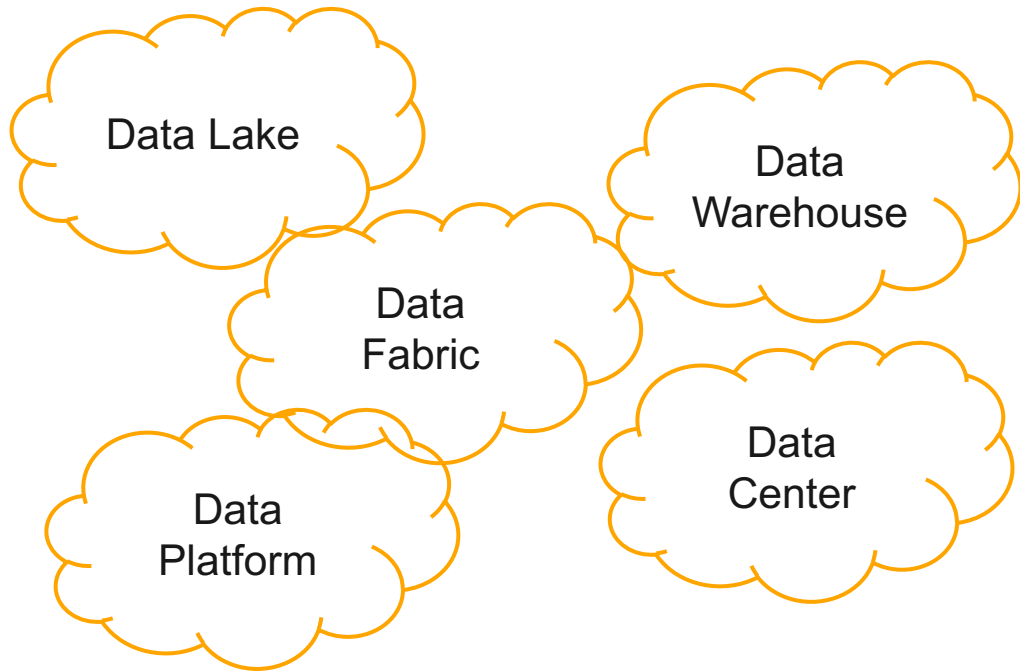


“Collaborative, decentralized Development”

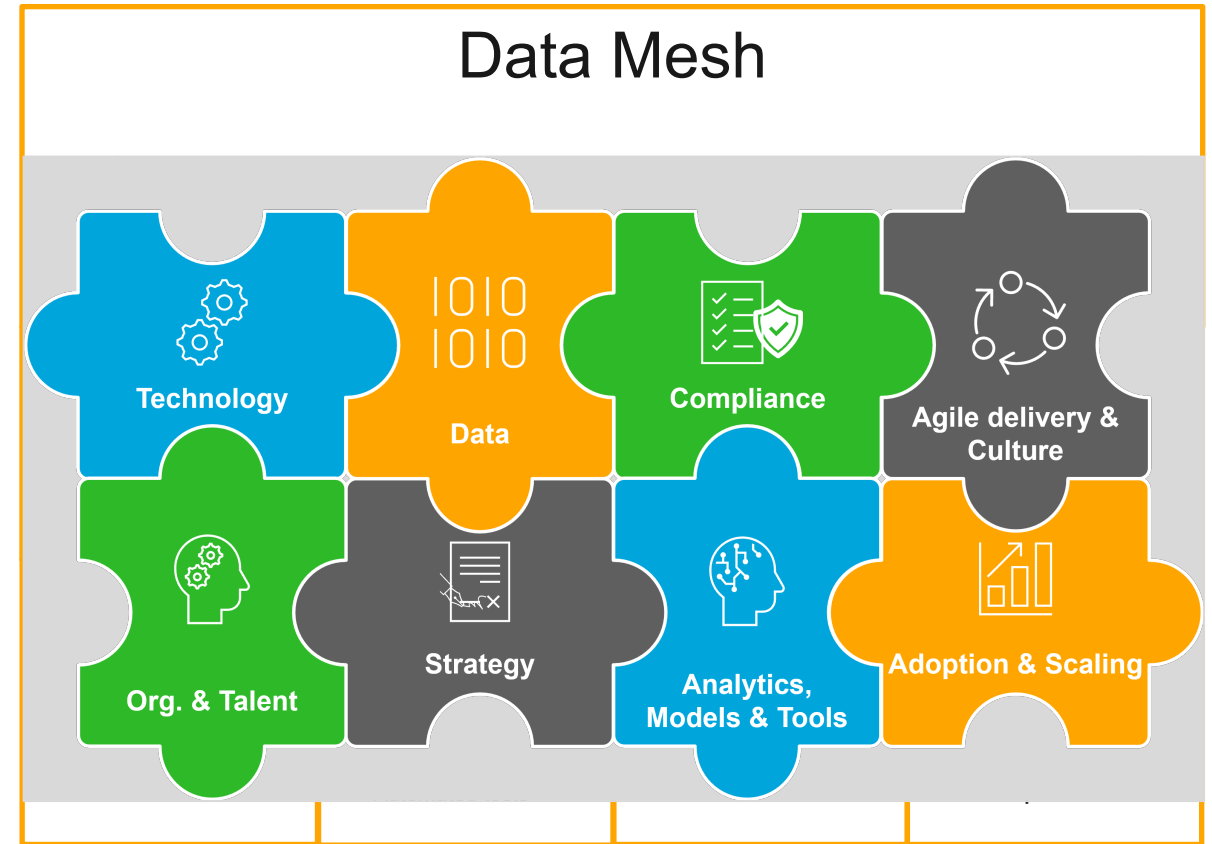
*) Zhamak Dehgahani: Data Mesh Principles and Logical Architecture

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“Traditional Development”



“Collaborative, decentralized Development”

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Key Take-Aways



Data is more than its size



Data driven business is more than data



Data is key to various applications and use cases

